CHAPTER 5: SECOND PAPER FEED SECTION

CONTENTS

1. Theory of Operation
1. Second Paper Feed Drive Mechanism 1
2. Vertical Print Position 3

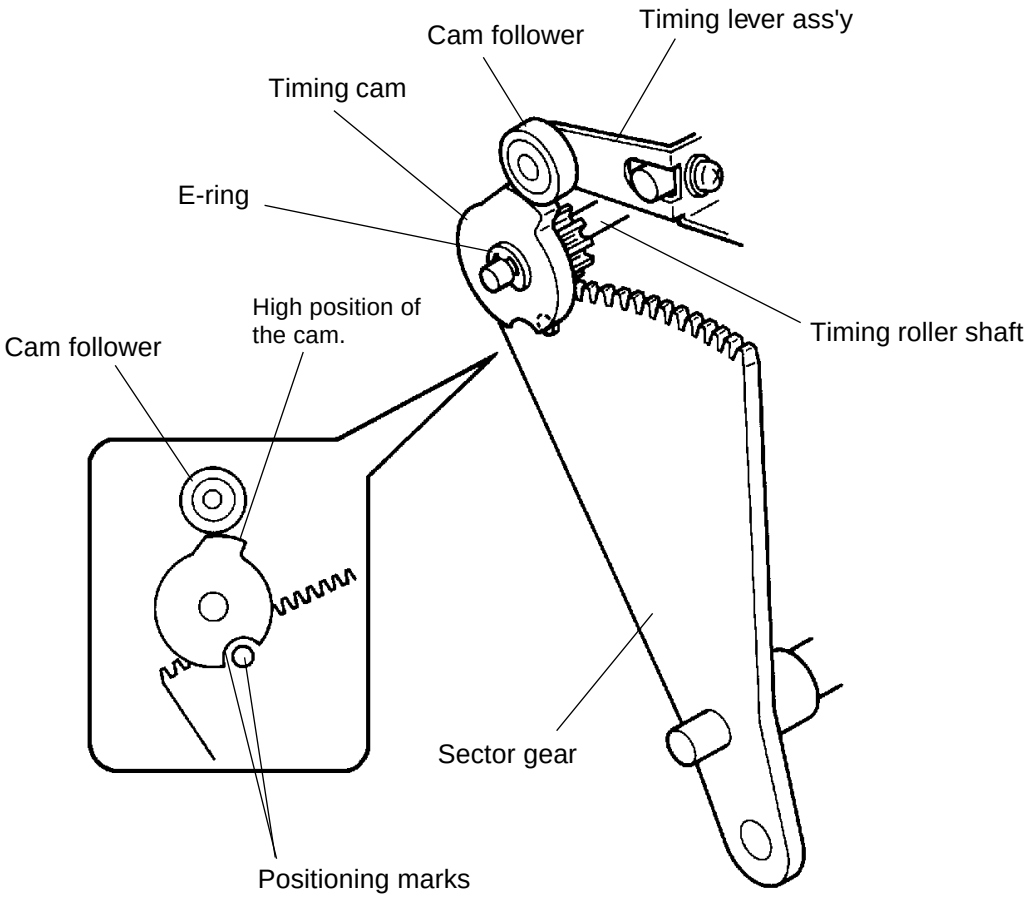
2. Removal and Assembly
1. Load Spring 5
2. Timing Cam 6
3. Sector Gear 7
4. Print Positioning Unit 8
5. Print Positioning Pulse Motor 9
6. Paper Guide Plate 10
7. Paper Sensor 12
8. Timing Roller 13

3. Adjustment
1. Timing Cam Mounting Position 15

3. Adjustment

1. Timing Cam Mounting Position

1. Rotate the Drum to the Position-B.
2. Disconnect the power supply from the machine.
3. Remove the Back cover from the machine.
4. Check whether the positioning marks on the Sector gear and Timing cam are aligned.
5. If they are not, remove an E-ring and take the Timing cam off from the Timing roller shaft.
6. Lift the Timing lever assembly and mount the Timing cam back on the Timing roller shaft, aligning the positioning mark on the cam with that on the Sector gear.
7. Mount the E-ring back on the Timing roller shaft.

Result of Incorrect Adjustment

- If the position of the Timing cam against the Sector gear is not correct, the timing of the Guide roller (vertical movement) goes off and paper jamming, print registration problems or blurred prints may occur.